Flow Water Inc. – Annual Water Quality Report

At Flow Water Inc. the quality of our products comes first.
Flow Water Inc. is distributed nationally and exceeds the bottled water standards for quality and safety at the Federal and state level.

The US Food and Drug Administration (FDA) has strict regulations for the sale of water. In order to meet the FDA requirements, the raw water produced by the source well and the finished product water has been continuously monitored and analyzed by ALS Global (ALS) in Waterloo, Ontario, Canada, and by NSF International (NSF) in Ann Arbor, Michigan. These tests are performed every production day, and verify the water is free of contaminants, and the mineral composition is consistent. For more information on both labs please visit their websites at **http://www.alsglobal.com/** and **http://www.nsf.org/**. For information regarding the FDA and their recall information please visit their website at **http://www.fda.gov/Safety/Recalls/default.htm**.

Flow Water Company Typical Mineral Analysis Report

Flow Water Analysis	Mg/ Liter
PH at water source	+/- 8.1
Mg (Magnesium)	29
Ca (Calcium)	73
K (Potassium)	2
Na (Sodium)	8
HCO3 (Bicarbonate)	298

The source water and finished product water is consistently of a high quality and meets all required standards for selling in US. A copy of the most recent analytical results for both regulated and unregulated substances from NSF can be found at the end of this report. The NSF report includes results for nearly 200 parameters, 100 of which are regulated, including physical quality, microbiological quality, inorganic and organic chemicals, and disinfection residuals.

Our products have been tested in accordance with federal and California law. The following statements are required under California law:

Required Statements:

"Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the United States Food and Drug Administration, Food and Cosmetic Hotline 1-888-SAFEFOOD (1-888-723-3366)."

"Some persons may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, including, but not limited to, persons with cancer who are undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, some elderly persons, and infants can be particularly at risk from infections. These persons should seek advice about drinking water from their health care providers. The United States Environmental Protection Agency and the Centres for Disease Control and Prevention guidelines on appropriate means to lessen the risk of infection be cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791)."

"The sources of bottled water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water naturally travels over the surface of the land or through the ground, it can pick up naturally occurring substances as well as substances that are present due to animal and human activity.

Substances that may be present in the source water include any of the following:

1) Inorganic substances, including, but not limited to, salts and metals, that can be naturally occurring or result from farming, urban storm water runoff, industrial or domestic wastewater discharges, or oil and gas production.
2) Pesticides and herbicides that may come from a variety of sources, including, but not limited to, agriculture, urban storm water runoff, and residential uses.
3) Organic substances that are by products of industrial processes and petroleum production and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.
4) Microbial organisms that may come from wildlife, agricultural livestock operations, sewage treatment plants, and septic systems.
5) Substances with radioactive properties that can be naturally occurring or be the result of oil and gas production and mining activities."

2016
Water Analysis

flow water

TESTING PARAMETER	REPORTING LIMIT	RESULT	FDA SOQ
Physical Quality			
Color	5	ND	15
Specific Conductance	10	610	
Corrosivity	0	0.65	
Hardness, Total	2	320	
Solids Total Dissolved	5	350	500
Turbidity	0.1	ND	5
pH	0.01	7.72	
Temperature	0	20	
Bicarbonate	5	330	
Disinfection Residuals/Disinfection By-Products			
Chloramine, Total	0.05	ND	4
Dichloramine	0.05	ND	
Monochloramine	0.05	ND	
Nitrogen trichloride	0.05	ND	
Chlorine Dioxide	0.1	ND	0.8
Bromochloroacetic Acid	1	ND	
Dibromoacetic Acid	1	ND	
Dichloroacetic Acid	1	ND	
Monobromoacetic Acid	1	ND	
Monochloroacetic Acid	2	ND	
Total Haloacetic Acid	1	ND	60
Trichloroacetic Acid	1	ND	
Chlorine, Total Residual	0.05	ND	4
Radiologicals			
Radium-226	1	ND	
Radium-226, Radium-228 Combined	1	ND	5
Radium-228	1	ND	
Uranium	0.001	ND	0.03
P1 Gross Alpha	3	ND	15
P1 Gross Beta	4	ND	50
Inorganic Chemicals			
Aluminum	0.01	ND	0.2
Antimony	0.0005	ND	0.006
Arsenic	0.002	ND	0.01
* Asbestos in Water (Ref: EPA 600/4-83/043,100.1)-Bureau Veritas			
Amphibole Fibers	0.2	ND	
Chrysotile Fibers	0.2	ND	
Single Fiber Detection Limit	0.2	ND	
Barium	0.001	0.053	2
Beryllium	0.0005	ND	0.004
Cadmium	0.0002	ND	0.005
Calcium	0.2	77	
Chloride	2	19	250
Chromium (includes Hexavalent Chromium)	0.001	ND	0.1

TESTING PARAMETER	REPORTING LIMIT	RESULT	FDA SOQ
Copper	0.001	ND	1
Cyanide, Total	0.005	ND	0.2
Fluoride	0.1	0.1	2.4
Iron	0.02	ND	0.3
Lead	0.0005	ND	0.005
Magnesium	0.2	31	
Manganese	0.001	ND	0.05
Mercury	0.0002	ND	0.002
Nickel	0.001	ND	0.1
Nitrogen, Nitrate	0.05	6.6	10
Nitrogen, Nitrite	0.025	ND	1
Total Nitrate + Nitrite-Nitrogen	0.02	6.59	10
Potassium	0.5	2.1	
Selenium	0.002	ND	0.05
Silver	0.001	ND	0.1
Sodium	0.5	9.9	
Sulfate as SO4	0.5	11	250
Surfactants (MBAS)	0.2	ND	
Thallium	0.0002	0.0002	0.002
Phenolics	0.001	ND	0.001
Zinc	0.01	ND	5
Organic Chemicals			
Diquat (Ref: EPA 549.2)			
Diquat	0.4	ND	20
Endothall (Ref. EPA 548.1) - (ug/L)			
Endothall	9	ND	100
Glyphosate	6	ND	
Perchlorate	1	ND	
2,3,7,8-TCDD (Ref: EPA 1613B)			
2,3,7,8-Tetrachlorodibenzo-p-dioxin	10	ND	30
Carbamate Pesticides (Ref: 531.2)			
3-Hydroxycarbofuran	1	ND	
Aldicarb	1	ND	
Aldicarb sulfone	1	ND	
Aldicarb sulfoxide	1	ND	
Carbaryl	1	ND	
Carbofuran	1	ND	40
Methomyl	1	ND	
Oxamyl	1	ND	200
Herbicides (Ref: EPA 515.3)			
2,4,5-TP	0.2	ND	50
2,4-D	0.1	ND	70
Bentazon	0.2	ND	
Dalapon	1	ND	200
DCPA Acid Metabolites	0.2	ND	
Dicamba	0.1	ND	
Dinoseb	0.2	ND	7
Pentachlorophenol	0.04	ND	1
Picloram	0.1	ND	500
Semivolatile Organic Compounds (Ref: EPA 525.2)			
2,4 Dinitrotoluene	0.5	ND	
2,6-Dinitrotoluene	0.5	ND	
Alachlor	0.1	ND	2
Aldrin	0.1	ND	
Atrazine	0.2	ND	3
Benzo(a)Pyrene	0.1	ND	0.2

TESTING PARAMETER	REPORTING LIMIT	RESULT	FDA SOQ
bis(2-Ethylhexyl)adipate	2	ND	400
bis(2-Ethylhexyl)phthalate (DEHP)	2	ND	6
Butachlor	0.2	ND	
Butylbenzylphthalate	2	ND	
Di-n-butylphthalate	2	ND	
Dieldrin	0.5	ND	
Diethylphthalate	2	ND	
Dimethylphthalate	2	ND	
Endrin	0.1	ND	2
EPTC	0.5	ND	
Heptachlor	0.1	ND	0.4
Heptachlor Epoxide	0.1	ND	0.2
Hexachlorobenzene	0.1	ND	1
Hexachlorocyclopentadiene	0.1	ND	50
Lindane	0.1	ND	0.2
Methoxychlor	0.1	ND	40
Metolachlor	0.1	ND	
Metribuzin	0.1	ND	
Molinate	0.1	ND	
p,p'-DDE (4,4'-DDE)	0.5	ND	
Propachlor	0.1	ND	
Simazine	0.2	ND	4
Terbacil	0.5	ND	
Volatiles: EDB and DBCP (Ref: EPA 504.1)			
1,2-Dibromo-3-Chloropropane (DBCP)	0.01	ND	0.2
Ethylene Dibromide (EDB)	0.01	ND	0.05
Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)			
1,1,1,2-Tetrachloroethane	0.5	ND	
1,1,1-Trichloroethane	0.5	ND	200
1,1,2,2-Tetrachloroethane	0.5	ND	
1,1,2-Trichloroethane	0.5	ND	5
1,1-Dichloroethane	0.5	ND	
1,1-Dichloroethylene	0.5	ND	7
1,1-Dichloropropene	0.5	ND	
1,2,3-Trichlorobenzene	0.5	ND	
1,2,3-Trichloropropane	0.5	ND	
1,2,3-Trimethylbenzene	0.5	ND	
1,2,4-Trichlorobenzene	0.5	ND	70
1,2,4-Trimethylbenzene	0.5	ND	
1,2-Dichlorobenzene	0.5	ND	600
1,2-Dichloroethane	0.5	ND	5
1,2-Dichloropropane	0.5	ND	5
1,3,5-Trimethylbenzene	0.5	ND	
1,3-Dichlorobenzene	0.5	ND	
1,4-Dichlorobenzene	0.5	ND	75
2,2-Dichloropropane	0.5	ND	
2-Chlorotoluene	0.5	ND	
4-Chlorotoluene	0.5	ND	
Benzene	0.5	ND	5
Bromobenzene	0.5	ND	
Bromochloromethane	0.5	ND	
Bromodichloromethane	0.5	ND	
Bromoform	0.5	ND	
Bromomethane	0.5	ND	
Carbon Tetrachloride	0.5	ND	5
Chlorobenzene	0.5	ND	100

TESTING PARAMETER	REPORTING LIMIT	RESULT	FDA SOQ
Chlorodibromomethane	0.5	ND	
Chloroethane	0.5	ND	
Chloroform	0.5	1.2	
Chloromethane	0.5	ND	
cis-1,2-Dichloroethylene	0.5	ND	70
cis-1,3-Dichloropropene	0.5	ND	
Dibromomethane	0.5	ND	
Dichlorodifluoromethane	0.5	ND	
Ethyl Benzene	0.5	ND	700
Hexachlorobutadiene	0.5	ND	
Isopropylbenzene (Cumene)	0.5	ND	
m+p-Xylenes	1	ND	
Methyl Ethyl Ketone	5	ND	
Methyl-tert-Butyl Ether (MTBE)	0.5	ND	
Methylene Chloride	0.5	ND	5
n-Butylbenzene	0.5	ND	
n-Propylbenzene	0.5	ND	
Naphthalene	0.5	ND	
o-Xylene	0.5	ND	
p-Isopropyltoluene (Cymene)	0.5	ND	
sec-Butylbenzene	0.5	ND	
Styrene	0.5	ND	100
Tetrachloroethylene	0.5	ND	5
Toluene	0.5	ND	1000
Total Trihalomethanes	0.5	1.2	80
Total Xylenes	0.5	ND	10000
trans-1,2-Dichloroethylene	0.5	ND	100
trans-1,3-Dichloropropene	0.5	ND	
Trichloroethylene	0.5	ND	5
Trichlorofluoromethane	0.5	ND	
Trichlorotrifluoroethane	0.5	ND	
Vinyl Chloride	0.5	ND	2
Chlorinated Pesticides and Organohalides by EPA 508.1			
Chlordane	0.1	ND	2
Endrin	0.01	ND	2
PCB 1016	0.1	ND	0.5
PCB 1221	0.1	ND	0.5
PCB 1232	0.1	ND	0.5
PCB 1242	0.1	ND	0.5
PCB 1248	0.1	ND	0.5
PCB 1254	0.1	ND	0.5
PCB 1260	0.1	ND	0.5
Total PCBs	0.1	ND	0.5
Toxaphene	0.1	ND	3
Miscellaneous			
Odor, Threshold	1	2	3
Radon	200	ND	
Disinfection Residuals/Disinfection By-Products			
Bromate	5	ND	10
Chlorite	10	ND	1000
Inorganic Chemicals			
Bromide	10	12	

SOQ – Standard of Quality per FDA or California
ND – Not detected at the specific limit
All results reported in milligrams per liter unless otherwise noted

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